



UC Transfer Pathway Model Curriculum Worksheet

CCC Major or Area of Emphasis: Physics

UC Major or Majors: Physics

Total units: 40 units (all units are semester units)

Degree Type (indicate one): AS-T

“Core” Courses:

40 units

Title (units)	C-ID Designation
General Chemistry for Science Majors Sequence A (10)	CHEM 120S
Calculus-based Physics for Scientists and Engineers: A (12)	PHYS 200S
Single Variable Calculus I – Early Transcendentals (4)	MATH 210
Single Variable Calculus II – Early Transcendentals (4)	MATH 220
Multivariable Calculus (4)	MATH 230
Ordinary Differential Equations (3)	MATH 240
Linear Algebra (3)	MATH 250

This UC Transfer Pathway (UCTP) Model Curriculum worksheet outlines the major preparation needed in the Physics discipline. **This is not part of the Associate Degree for Transfer (AD-T) mandates set forth by SB 1440 and SB 440; thus, the model curriculum is not subject to the 60-unit limitation.** Additionally, the modified IGETC for STEM general education (GE) pattern (below) must be used in the Chancellor’s Office UCTP Template.

Course Requirement	(C-ID Descriptor)	C-ID Units	College Units
1. English Communication			
a. Freshman Composition (e.g., ENGL100)		3 units	4
b. Critical Thinking (e.g., ENGL105)		3 units	4
2. Quantitative Reasoning		in major	
3. Arts and Humanities		3 units	3
4. Social and Behavioral Sciences		3 units	3
5. Physical and Biological Sciences			
a. Physical Science		in major	
b. Biological Science (e.g., BIOL140)		4 units	5
6. Language other than English (e.g., SPAN101)		4 units	5

General Education C-ID Units: 20 units, College Units 24 Units Possible